

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 345257 | ((acetic ethylic glacial acetic methanecarboxylic) adj acid) vinegar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:25 |
| L2 | 79921 | (formic aminic methanoic formylic hydrogencarboxylic) adj acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:25 |
| L3 | 426183 | (hydrochloric adj acid) (chlorohydric adj acid) hydrochloride (hydrogen adj chloride) (muriatic adj acid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:26 |
| L4 | 62616 | (1 or 2) with L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:26 |
| L5 | 12499 | 1 with 2 with L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L6 | 109830 | acrylamide propenamide propeneamide (acrylic adj amide) (ethylene adj carboxamide) ethylenecarboxamide ethylene\$1carboxamide propenamide ((propenoic adj acid) near5 amide) (vinyl adj amide) vinylamide vinyl\$1amide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |

EAST Search History

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|-----|---------|--|---|----|----|------------------|
| L7 | 297 | (acrylamidomethylpropane adj sulfonic adj acid) (acrylamidomethylpropane adj sulfonate) "2-acrylamido-2-methylpropane-1-sulfonic" "2-acrylamido-2-methylpropane-1-sulfonate" (acrylamidomethylpropane adj sulphonic adj acid) (acrylamidomethylpropane adj sulphonate) "2-acrylamido-2-methylpropane-1-sulphonic" "2-acrylamido-2-methylpropane-1-sulphonate" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L8 | 299593 | Zirconium or Zr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L9 | 6583811 | aluminum or Al | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:29 |
| L10 | 80632 | (lactic or hydroxypropanoic) adj acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L11 | 6 | L3 and L6 and L7 and L8 and L9 and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:29 |
| L12 | 1 | 5 and L11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:28 |
| L13 | 3423 | L3 and L6 and (L8 or L9) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:31 |
| L14 | 1331395 | aluminum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:29 |

EAST Search History

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|-----|--------|---|---|----|----|------------------|
| L15 | 2278 | L3 and L6 and (L8 or 14) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:31 |
| L16 | 350 | L5 and L6 and (L8 or 14) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:32 |
| L17 | 18 | (L5 with mixt\$5) and L6 and (L8 or 14) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:32 |
| S1 | 1 | "20040152602".pn. | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:25 |
| S2 | 5 | ("4476931" "5497830" "5975206" "6046140" "6849581") .pn. | US-PGPUB; USPAT | OR | ON | 2006/03/01 07:53 |
| S3 | 1 | S2 and (lactic or lactide) | US-PGPUB; USPAT | OR | ON | 2006/03/01 08:02 |
| S4 | 10 | ("4460751" "4488975" "4649999" "4657061" "4657080" "4797216" "4799550" "5478802" "5497830" "6046140").PN. | US-PGPUB; USPAT | OR | ON | 2006/03/01 08:02 |
| S5 | 4 | S4 and (lactic or lactide) | US-PGPUB; USPAT | OR | ON | 2006/03/01 08:03 |
| S6 | 469 | 507/225.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:04 |
| S7 | 447 | 166/271.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:09 |
| S8 | 426183 | (hydrochloric adj acid) (chlorohydric adj acid) hydrochloride (hydrogen adj chloride) (muriatic adj acid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:35 |
| S9 | 109830 | acrylamide propenamide propeneamide (acrylic adj amide) (ethylene adj carboxamide) ethylenecarboxamide ethylene\$1carboxamide propenamide ((propenoic adj acid) near5 amide) (vinyl adj amide) vinylamide vinyl\$1amide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:35 |

EAST Search History

| | | | | | | |
|-----|---------|--|---|----|----|------------------|
| S10 | 297 | (acrylamidomethylpropane adj sulfonic adj acid) (acrylamidomethylpropane adj sulfonate) "2-acrylamido-2-methylpropane-1-sulfonic" "2-acrylamido-2-methylpropane-1-sulfonate" (acrylamidomethylpropane adj sulphonic adj acid) (acrylamidomethylpropane adj sulphonate) "2-acrylamido-2-methylpropane-1-sulphonic" "2-acrylamido-2-methylpropane-1-sulphonate" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:36 |
| S11 | 299593 | Zirconium or Zr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:36 |
| S12 | 6583811 | aluminum or Al | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:37 |
| S13 | 80632 | (lactic or hydroxypropanoic) adj acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:38 |
| S14 | 0 | S8 and S9 and S10 and S11 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:39 |
| S15 | 0 | S8 and S9 and S10 and S11 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:40 |
| S16 | 0 | S8 and S9 and S10 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:40 |
| S17 | 0 | S8 and S9 and S11 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:40 |
| S18 | 1 | S8 and S9 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:41 |

EAST Search History

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|-----|--------|---|----------------------------------|----|----|------------------|
| S19 | 0 | S8 and S9 and S11 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:41 |
| S20 | 0 | S8 and S9 and S10 and S11 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:45 |
| S21 | 0 | S8 and S9 and S10 and S11 and S13 | USOCR | OR | ON | 2006/03/01 10:40 |
| S22 | 0 | S8 and S9 and S10 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:40 |
| S23 | 10 | S8 and S9 and S11 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:43 |
| S24 | 10 | S8 and S9 and S11 and S13 | USOCR | OR | ON | 2006/03/01 10:41 |
| S25 | 64 | S8 and S9 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:41 |
| S26 | 0 | S24 not S23 | USOCR | OR | ON | 2006/03/01 10:43 |
| S27 | 54 | S25 not (S23 S24) | USOCR | OR | ON | 2006/03/01 10:43 |
| S28 | 6 | S8 and S9 and S10 and S11 and S12 and S13 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:50 |
| S29 | 2239 | S11 same S12 same (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:53 |
| S30 | 1103 | S11 with S12 with (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:40 |
| S31 | 918 | zirconium with aluminum with (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:56 |
| S32 | 202 | S31 same mix\$5 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:58 |
| S33 | 77 | S32 and S9 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:58 |
| S34 | 159 | S31 same mixt\$5 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:58 |
| S35 | 58 | S34 and S9 | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:00 |
| S36 | 1 | S34 and (S9 with S10) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:01 |
| S37 | 1 | S34 and (S9 same S10) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:01 |
| S38 | 1 | S34 and S9 and S10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:01 |
| S39 | 252395 | (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:40 |
| S40 | 20 | S9 and S10 and S13 and S39 | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:42 |
| S41 | 1 | (S9 with S10) and (S13 with S39) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:41 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| S42 | 1 | (S9 same S10) and (S13 with S39) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:41 |
| S43 | 2 | (S9 same S10) and (S13 same S39) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:41 |
| S44 | 4 | (US-4460751-\$ or US-4624795-\$ or US-4917186-\$).did. or (US-3481400-\$).did. | USPAT; USOCR | OR | ON | 2006/03/01 11:48 |
| S45 | 0 | S44 and breaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 11:47 |
| S46 | 50 | (US-4329425-\$ or US-4937047-\$ or US-5665428-\$ or US-4481952-\$ or US-4986355-\$ or US-H001340-\$ or US-4511584-\$ or US-4609479-\$ or US-4767550-\$ or US-4790958-\$ or US-5026589-\$ or US-5420107-\$ or US-5654020-\$ or US-5759843-\$ or US-6063910-\$ or US-6096352-\$ or US-6187329-\$ or US-3615695-\$ or US-4019862-\$ or US-4138498-\$ or US-4117172-\$ or US-4254222-\$ or US-4258064-\$ or US-4287306-\$ or US-4309417-\$ or US-4316954-\$). did. or (US-4351899-\$ or US-4352826-\$ or US-4374152-\$ or US-4397878-\$ or US-4399224-\$ or US-4460751-\$ or US-4509983-\$ or US-4524829-\$ or US-4524828-\$ or US-4537784-\$ or US-RE32016-\$ or US-4606772-\$ or US-4776904-\$ or US-4852977-\$ or US-4953621-\$ or US-4958038-\$ or US-4957936-\$ or US-4981701-\$ or US-4986354-\$ or US-5006458-\$ or US-5021171-\$ or US-5192459-\$ or US-5226481-\$ or US-5252235-\$).did. | USPAT | OR | ON | 2006/03/01 11:53 |
| S47 | 4 | S46 and S8 and (S9 or S10) and (S11 or S12) and S13 | USPAT | OR | ON | 2006/03/01 11:55 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 345257 | ((acetic ethylic glacial acetic methanecarboxylic) adj acid) vinegar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:25 |
| L2 | 79921 | (formic aminic methanoic formylic hydrogencarboxylic) adj acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:25 |
| L3 | 426183 | (hydrochloric adj acid) (chlorohydric adj acid) hydrochloride (hydrogen adj chloride) (muriatic adj acid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:26 |
| L4 | 62616 | (1 or 2) with L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:26 |
| L5 | 12499 | 1 with 2 with L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L6 | 109830 | acrylamide propenamide propeneamide (acrylic adj amide) (ethylene adj carboxamide) ethylenecarboxamide ethylene\$1carboxamide propenamide ((propenoic adj acid) near5 amide) (vinyl adj amide) vinylamide vinyl\$1amide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |

EAST Search History

| | | | | | | |
|-----|---------|--|---|----|----|------------------|
| L7 | 297 | (acrylamidomethylpropane adj sulfonic adj acid) (acrylamidomethylpropane adj sulfonate) "2-acrylamido-2-methylpropane-1-sulfonic" "2-acrylamido-2-methylpropane-1-sulfonate" (acrylamidomethylpropane adj sulphonic adj acid) (acrylamidomethylpropane adj sulphonate) "2-acrylamido-2-methylpropane-1-sulphonic" "2-acrylamido-2-methylpropane-1-sulphonate" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L8 | 299593 | Zirconium or Zr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L9 | 6583811 | aluminum or Al | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:29 |
| L10 | 80632 | (lactic or hydroxypropanoic) adj acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:27 |
| L11 | 6 | L3 and L6 and L7 and L8 and L9 and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:29 |
| L12 | 1 | 5 and L11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:28 |
| L13 | 3423 | L3 and L6 and (L8 or L9) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:31 |
| L14 | 1331395 | aluminum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:29 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|----|------------------|
| L15 | 2278 | L3 and L6 and (L8 or 14) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:31 |
| L16 | 350 | L5 and L6 and (L8 or 14) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:32 |
| L17 | 18 | (L5 with mixt\$5) and L6 and (L8 or 14) and L10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:32 |
| S1 | 1 | "20040152602".pn. | US-PGPUB; USPAT | OR | ON | 2006/03/01 13:25 |
| S2 | 5 | ("4476931" "5497830" "5975206" "6046140" "6849581") .pn. | US-PGPUB; USPAT | OR | ON | 2006/03/01 07:53 |
| S3 | 1 | S2 and (lactic or lactide) | US-PGPUB; USPAT | OR | ON | 2006/03/01 08:02 |
| S4 | 10 | ("4460751" "4488975" "4649999" "4657061" "4657080" "4797216" "4799550" "5478802" "5497830" "6046140").PN. | US-PGPUB; USPAT | OR | ON | 2006/03/01 08:02 |
| S5 | 4 | S4 and (lactic or lactide) | US-PGPUB; USPAT | OR | ON | 2006/03/01 08:03 |
| S6 | 469 | 507/225.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:04 |
| S7 | 447 | 166/271.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 08:09 |
| S8 | 426183 | (hydrochloric adj acid) (chlorohydric adj acid) hydrochloride (hydrogen adj chloride) (muriatic adj acid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:35 |
| S9 | 109830 | acrylamide propenamide propeneamide (acrylic adj amide) (ethylene adj carboxamide) ethylenecarboxamide ethylene\$1carboxamide propenamide ((propenoic adj acid) near5 amide) (vinyl adj amide) vinylamide vinyl\$1amide | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:35 |

EAST Search History

| | | | | | | |
|-----|---------|--|---|----|----|------------------|
| S10 | 297 | (acrylamidomethylpropane adj sulfonic adj acid) (acrylamidomethylpropane adj sulfonate) "2-acrylamido-2-methylpropane-1-sulfonic" "2-acrylamido-2-methylpropane-1-sulfonate" (acrylamidomethylpropane adj sulphonic adj acid) (acrylamidomethylpropane adj sulphonate) "2-acrylamido-2-methylpropane-1-sulphonic" "2-acrylamido-2-methylpropane-1-sulphonate" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:36 |
| S11 | 299593 | Zirconium or Zr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:36 |
| S12 | 6583811 | aluminum or Al | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:37 |
| S13 | 80632 | (lactic or hydroxypropanoic) adj acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:38 |
| S14 | 0 | S8 and S9 and S10 and S11 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:39 |
| S15 | 0 | S8 and S9 and S10 and S11 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:40 |
| S16 | 0 | S8 and S9 and S10 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:40 |
| S17 | 0 | S8 and S9 and S11 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:40 |
| S18 | 1 | S8 and S9 and S12 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:41 |

EAST Search History

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|-----|--------|---|----------------------------------|----|----|------------------|
| S19 | 0 | S8 and S9 and S11 and S13 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 10:41 |
| S20 | 0 | S8 and S9 and S10 and S11 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:45 |
| S21 | 0 | S8 and S9 and S10 and S11 and S13 | USOCR | OR | ON | 2006/03/01 10:40 |
| S22 | 0 | S8 and S9 and S10 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:40 |
| S23 | 10 | S8 and S9 and S11 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:43 |
| S24 | 10 | S8 and S9 and S11 and S13 | USOCR | OR | ON | 2006/03/01 10:41 |
| S25 | 64 | S8 and S9 and S12 and S13 | USOCR | OR | ON | 2006/03/01 10:41 |
| S26 | 0 | S24 not S23 | USOCR | OR | ON | 2006/03/01 10:43 |
| S27 | 54 | S25 not (S23 S24) | USOCR | OR | ON | 2006/03/01 10:43 |
| S28 | 6 | S8 and S9 and S10 and S11 and S12 and S13 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:50 |
| S29 | 2239 | S11 same S12 same (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:53 |
| S30 | 1103 | S11 with S12 with (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:40 |
| S31 | 918 | zirconium with aluminum with (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:56 |
| S32 | 202 | S31 same mix\$5 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:58 |
| S33 | 77 | S32 and S9 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:58 |
| S34 | 159 | S31 same mixt\$5 | US-PGPUB; USPAT | OR | ON | 2006/03/01 10:58 |
| S35 | 58 | S34 and S9 | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:00 |
| S36 | 1 | S34 and (S9 with S10) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:01 |
| S37 | 1 | S34 and (S9 same S10) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:01 |
| S38 | 1 | S34 and S9 and S10 | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:01 |
| S39 | 252395 | (crosslink\$4 or cross\$1link\$4 or (cross adj link\$4)) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:40 |
| S40 | 20 | S9 and S10 and S13 and S39 | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:42 |
| S41 | 1 | (S9 with S10) and (S13 with S39) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:41 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| S42 | 1 | (S9 same S10) and (S13 with S39) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:41 |
| S43 | 2 | (S9 same S10) and (S13 same S39) | US-PGPUB; USPAT | OR | ON | 2006/03/01 11:41 |
| S44 | 4 | (US-4460751-\$ or US-4624795-\$ or US-4917186-\$).did. or (US-3481400-\$).did. | USPAT; USOCR | OR | ON | 2006/03/01 11:48 |
| S45 | 0 | S44 and breaker | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 11:47 |
| S46 | 50 | (US-4329425-\$ or US-4937047-\$ or US-5665428-\$ or US-4481952-\$ or US-4986355-\$ or US-H001340-\$ or US-4511584-\$ or US-4609479-\$ or US-4767550-\$ or US-4790958-\$ or US-5026589-\$ or US-5420107-\$ or US-5654020-\$ or US-5759843-\$ or US-6063910-\$ or US-6096352-\$ or US-6187329-\$ or US-3615695-\$ or US-4019862-\$ or US-4138498-\$ or US-4117172-\$ or US-4254222-\$ or US-4258064-\$ or US-4287306-\$ or US-4309417-\$ or US-4316954-\$). did. or (US-4351899-\$ or US-4352826-\$ or US-4374152-\$ or US-4397878-\$ or US-4399224-\$ or US-4460751-\$ or US-4509983-\$ or US-4524829-\$ or US-4524828-\$ or US-4537784-\$ or US-RE32016-\$ or US-4606772-\$ or US-4776904-\$ or US-4852977-\$ or US-4953621-\$ or US-4958038-\$ or US-4957936-\$ or US-4981701-\$ or US-4986354-\$ or US-5006458-\$ or US-5021171-\$ or US-5192459-\$ or US-5226481-\$ or US-5252235-\$).did. | USPAT | OR | ON | 2006/03/01 11:53 |
| S47 | 4 | S46 and S8 and (S9 or S10) and (S11 or S12) and S13 | USPAT | OR | ON | 2006/03/01 11:55 |

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